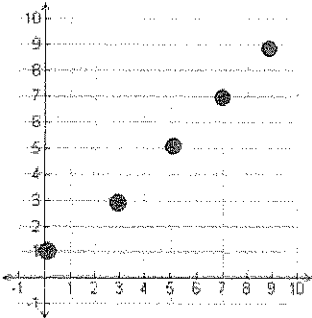


Day 2 Notes: Recursive Patterns and Graphs

RECURSIVE EQUATIONS → ONLY LOOK @ OUTPUT

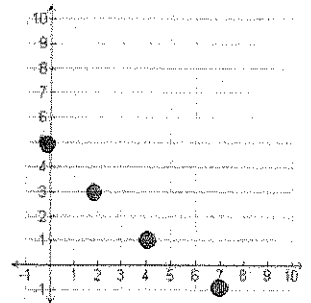
Find the dependent values and write the NOW- NEXT equation.

Example 1:



Term	1	2	3	4
Value	1	3	5	7

Example 2:



Term	1	2	3	4
Value	5	3	1	-1

NOW- NEXT Equation: \_\_\_\_\_

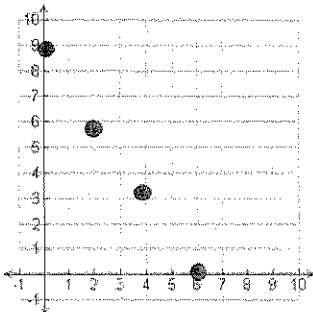
Start @ 1 NEXT = NOW + 2

NOW- NEXT Equation: \_\_\_\_\_

Start @ 5 NEXT = NOW - 2

You Try! Find the dependent values and write the NOW- NEXT equation.

1)



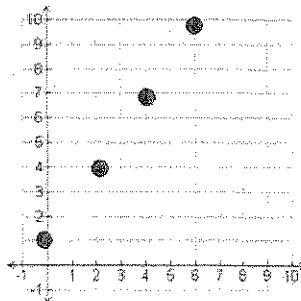
Term	1	2	3	4
Value	9	6	3	0

NOW- NEXT Equation: \_\_\_\_\_

Start @ 9 NEXT = NOW - 3

2)

Term	1	2	3	4
Value	1	4	7	10



NOW- NEXT Equation: \_\_\_\_\_

Start = 1 NEXT = NOW + 3